

Analysis

OD/363/3469/119763/428409/00067284 : CONSTRUCTION OF PAVER BLOCK ROAD AT TALAGADLA

**Block : Dasamantapur, Gram Panchayat : Chikamba
Created By: SIDDHESWAR NAYAK**

Item 1
Earth Work (AR0110): Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.
Sub-Item of Work Fine dressing of earth work in ordinary or hard soil in road formation

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR001 : Male mulia	1	Per day	462	462	0
Total Amount (a+b+c)				462	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					34.65
CONTRACTOR PROFIT @ 7.5% (+)					37.24875
LABOUR CESS @ 1% (+)					5.3389875
Grand Total					539.2377375
Say For Unit 1 (Grand Total/100)					5.392377375

Item 2
Earth Work (AR0102aa): Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge
Sub-Item of Work Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift

a) Specific Rate Details					
Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	25.8	Per day	462	11919.6	0
LR001 : Male mulia	25.8	Per day	462	11919.6	0
Total Amount (a+b+c)				23839.2	
Total GST (a)					0
OVERHEAD CHARGES @ 7.5% (+)					1787.94
CONTRACTOR PROFIT @ 7.5% (+)					1922.0355

LABOUR CESS @ 1% (+)	275.491755
Grand Total	27824.667255
Say For Unit 1 (Grand Total/100)	278.24667255

Item 3

Earth Work (AR0115): Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work

Filling foundation and plinth with sand well watered and rammed

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	71.94	7194	0
LR002 : Female mulia	12.36	Per day	462	5710.32	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	536.41	53641	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	100	1 Cum	46.25	4625	0

Total Amount (a+b+c)	71170.32
Total GST (a)	0
OVERHEAD CHARGES @ 7.5% (+)	5337.774
CONTRACTOR PROFIT @ 7.5% (+)	5738.10705
LABOUR CESS @ 1% (+)	822.4620105
Grand Total	83068.6630605
Say For Unit 1 (Grand Total/100)	830.686630605

Item 4

Concrete (AR0303): Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.

Sub-Item of Work

Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
------------	----------	------	------	--------	-----

LR025 : Mason	0.18	Per day	562	101.16	0
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	2.5	Per day	462	1155	0
BRM340 : Cement	2.29	1 Qntl.	546.37	1251.1873	225.213714
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	75.86	36.4128	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	995.25	955.44	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	54.512	124.83248	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	666.61	319.9728	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	666.61	639.9456	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	2.29	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.48	1 Cum	46.25	22.2	0
BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	1 Cum.	252.5	242.4	0

Total Amount (a+b+c)	5495.35098
Total GST (a)	225.213714
OVERHEAD CHARGES @ 7.5% (+)	429.04235205
CONTRACTOR PROFIT @ 7.5% (+)	461.22052845375
LABOUR CESS @ 1% (+)	66.108275745038
Grand Total	6676.9358502488
Say For Unit 1 (Grand Total/1)	6676.9358502488

Item 5

Concrete (AR0307): Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.

Sub-Item of Work

Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
LR002 : Female mulia	1.4	Per day	462	646.8	0
LR001 : Male mulia	3.2	Per day	462	1478.4	0

LR025 : Mason	0.68	Per day	562	382.16	0
BRM340 : Cement	3.23	1 Qntl.	546.37	1764.7751	317.659518
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	75.86	34.137	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	1396.62	1256.958	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	54.512	176.07376	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	666.61	299.9745	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	666.61	599.949	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM340 : Cement	3.23	1 Qntl.	0	0	0
BRM028 : Screened and washed sharp sand for mortar	0.45	1 Cum	46.25	20.8125	0
BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	1 Cum.	252.5	227.25	0

Total Amount (a+b+c)	6887.28986
Total GST (a)	317.659518
OVERHEAD CHARGES @ 7.5% (+)	540.37120335
CONTRACTOR PROFIT @ 7.5% (+)	580.89904360125
LABOUR CESS @ 1% (+)	83.262196249512
Grand Total	8409.4818212008
Say For Unit 1 (Grand Total/1)	8409.4818212008

Item 6

R.C.C. Work (AR0410c): Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

Sub-Item of Work

R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	58374.79	1558.606893	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	1.26	1Mtr.	30.81	38.8206	0
LR008 : Sangi mulia	0.5	Per day	512	256	0
LR027 : Carpenter	0.5	Per day	562	281	0

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	436.096	11.6437632	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	436.096	2.67762944	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0267	1Cum.	0	0	0
BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.00614	1Mtr.	0	0	0

Total Amount (a+b+c)	2148.74888564				
Total GST (a)	0				
OVERHEAD CHARGES @ 7.5% (+)	161.156166423				
CONTRACTOR PROFIT @ 7.5% (+)	173.24287890473				
LABOUR CESS @ 1% (+)	24.831479309677				
Grand Total	2507.9794102774				
Say For Unit 1 (Grand Total/10)	250.79794102774				

Item 7

miscellaneous (ARM287): Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sub-Item of Work

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

a) Specific Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	0.03	1 Cum	71.94	2.1582	0

BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	1 Sqm	608.4	608.4	0
--	---	-------	-------	-------	---

b) Carriage Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	0.03	1 Cum	536.41	16.0923	0

c) Royalty Rate Details

Particular	Quantity	Unit	Rate	Amount	GST
BRM029 : Sand for filling and road blinding	0.03	1 Cum	46.25	1.3875	0

Total Amount (a+b+c)				628.038	
Total GST (a)					0
Grand Total					0
Say For Unit 1 (Grand Total/1)					0

Haladhar Sial
JE
Dasamantapur Block

Abhishek Sarangi
AEE
Dasamantapur Block

SIDDHESWAR NAYAK
BDO
Dasamantapur Block